

FIG. 2

Electrical Conductivity of Plate Bottom Side in Longitudinal Transverse Direction Across Plate

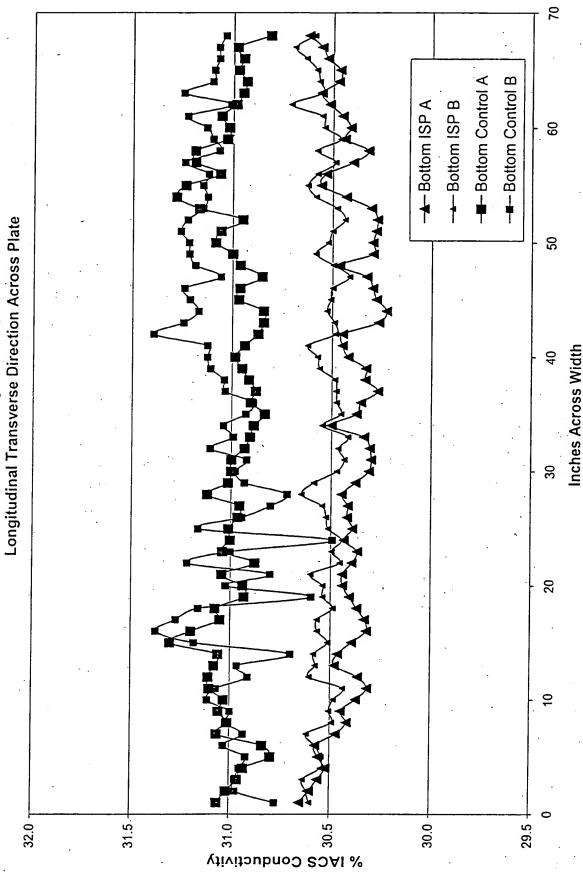


FIG. 3



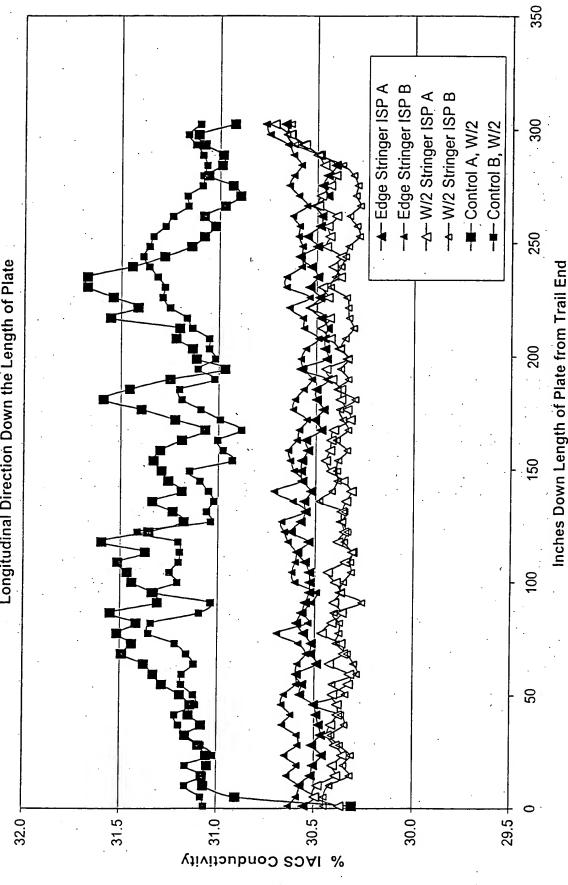
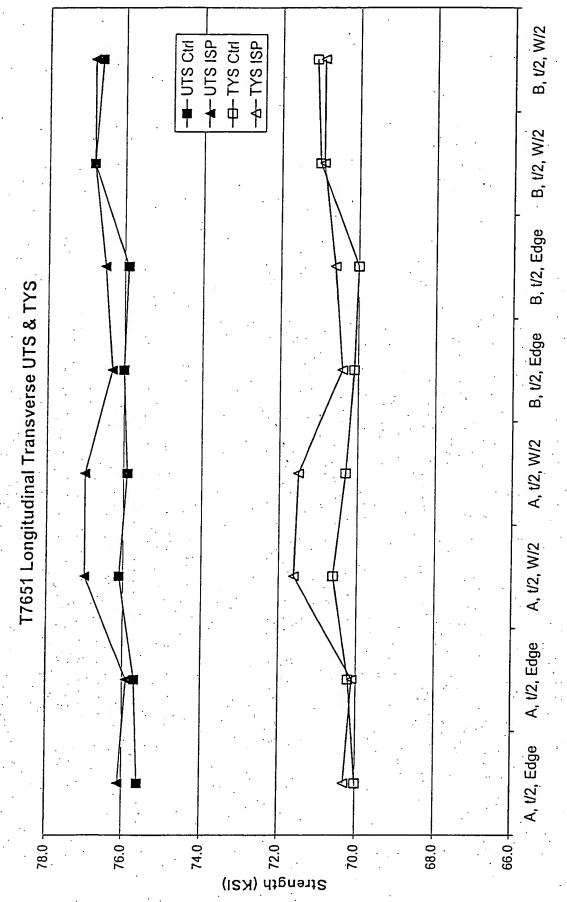
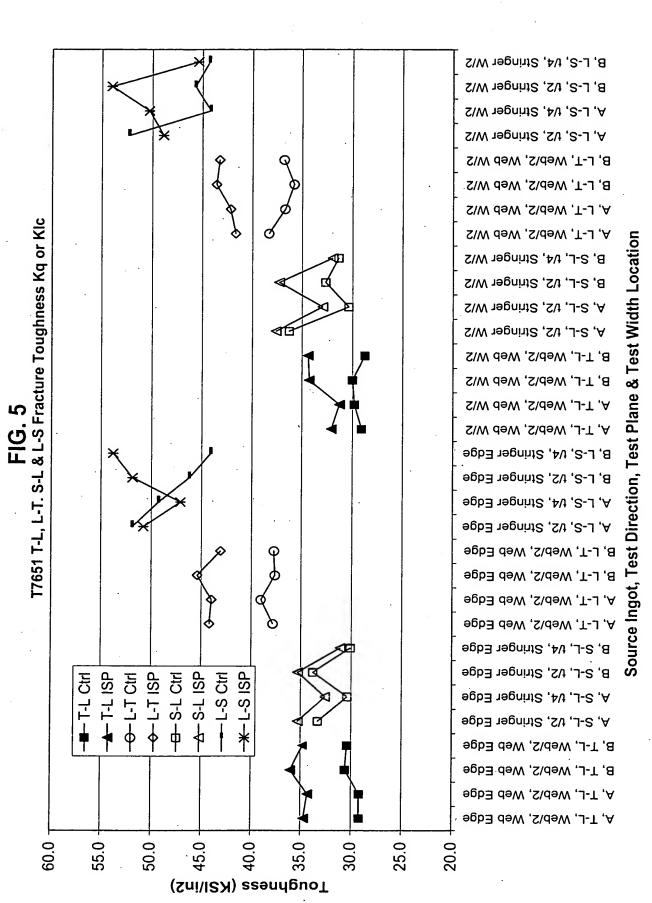


FIG. 4



Source Ingot, Test Plane and Test Width Location

Method of Manufacturing Near-Net Shape, Alloy Product Attorney Docket No.: 4430-031234 (03-1257) Inventors: Greg Venema et al.



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60.0

55.0

50.0

45.0

40.0

Toughness (KSI/in2)

35.0

30.0

25.0

20.0

T7451 T-L, L-T, S-L & L-S Fracture Toughness Kq or Klc FIG. 6 → L-T ISP A-S-LISP \*-L-S ISP ーS-L Ctrl O-L-T Ctrl -L-S Ctrl

B, L-S, t/4, Stringer W/2 B, L-S, t/2, Stringer W/2 A, L-S, t/4, Stringer W/2 A, L-S, tV2, Stringer W/2 B, L-T, Web/2, Web W/2 B, L-T, Web/2, Web W/2 A, L-T, Web/2, Web W/2 A, L-T, Web/2, Web W/2 B, S-L, t/4, Stringer W/2 A, S-L, t/2, Stringer W/2 A, S-L, t/4, Stringer W/2 A, S-L, t/2, Stringer W/2 B, T-L, Web/2, Web W/2 B, T-L, Web/2, Web W/2 A, T-L, Web/2, Web W/2 A, T-L; Web/2, Web W/2 B, L-S, t/4, Stringer Edge B, L-S, t/2, Stringer Edge A, L-S, t/4, Stringer Edge A, L-S, t/2, Stringer Edge B, L-T, Web/2, Web Edge B, L-T, Web/2, Web Edge A, L-T, Web/2, Web Edge A, L-T, Web/2, Web Edge B, S-L, t/4, Stringer Edge B, S-L, t/2, Stringer Edge A, S-L, 1/4, Stringer Edge A, S-L, t/2, Stringer Edge B, T-L, Web/2, Web Edge B, T-L, Web/2, Web Edge A, T-L, Web/2, Web Edge A, T-L, Web/2, Web Edge

Source Ingot, Test Direction, Test Plane & Test Width Location